

Table 13. R&D budget authority for transportation (400), Fiscal years 1996-98

				Page 1 of 1
Budget function	1996 actual	1997 preliminary	1998 proposed	Percentage change 1997-98
		[In millions of dollars]		•
Total	1,795	1,827	1,939	6.2
Air transportation (402)	1,435	1,435	1,502	4.7
National Aeronautics and Space Admin. 1/		1,199 1,199	1,273 1,273	6.2 6.2
Federal Aviation Administration (DOT)	212	236	229	-3.0
Ground transportation (DOT) (401)	331	361	406	12.5
Federal Highway Administration National Highway Traffic Safety	254	288	328	13.9
Administration	33	37	44	18.9
Federal Railroad Administration	27	20	21	5.0
Federal Transit Administration	17	16	13	-18.8
Water transportation (DOT) (403)	18	18	19	5.6
U.S. Coast Guard	18	18	19	5.6
Maritime Administration	0	0	0	NA
Other transportation (DOT) (407) 2/	11	13	12	-7.7

<sup>1/</sup> Includes funds for research and research program management.

NOTES: Because of rounding, components may not add to totals. Percentage change derived from unrounded data.

**KEY:** NA = Not applicable

<sup>2/</sup> Includes Office of the Secretary and the Research and Special Programs Administration.

Table 14. R&D budget authority for natural resources and environment (300), Fiscal years 1996-98 Page 1 of 1 1996 1997 1998 Percentage change Funding category actual preliminary proposed 1997-98 [In millions of dollars] 1,802 1,842 1,902 3.2 Pollution control and abatement (304) Environmental Protection Agency..... 482 510 554 8.5 Science and Technology 1/ ..... 478 508 552 8.6 74 70 71 Air quality..... 1.0 Water quality..... 20 25 28 11.3 Drinking water..... 25 40 36 -9.9 22 -35.8 Hazardous waste..... 15 9 Hazardous substances..... 24 35 12.5 40 Pesticides..... 12 19 32 67.9 Toxic substances..... 15 12 13 11.5 Global change..... 21 14 21 46.1 Lab/ field/ HQ expenses..... 54 82 84 2.2 203 189 211 Multimedia research..... 11.6 Program management..... 8 7 7 3.0 Leaking underground storage tanks (LUST)..... 4.1 1 1 1 Oil spill response research..... 0.0 1 1 1 Other accounts..... 3 (6/)0 -100.0 Conservation and land management (302)..... 201 201 -1.0 203 Forest Service (USDA)..... 178 0.0 180 180 Department of the Interior 2/..... 23 23 21 -8.7 Recreational resources (303)..... 157 159 178 12.3 Geological Survey 3/ (Interior)..... 137 138 145 5.5 National Park Service (Interior)..... 20 57.1 21 33 51 51 50 -2.0 Water resources (301)..... Corps of Engineers (DOD)..... 44 44 42 -4.5

7

911

382

529

0

7

919

386

533

0

8

919

394

525

0

14.3

-0.1

1.9

-1.5

NA

Bureau of Reclamation (Interior).....

Other natural resources (306).....

Geological Survey 4/ (Interior).....

Administration (Commerce).....

Bureau of Mines 5/ (Interior).....

NOTES: Because of rounding, components may not add to totals. Percentage change derived from unrounded data.

**KEY:** NA = Not applicable

National Oceanic and Atmospheric

<sup>1/</sup> Includes budget authority for R&D transferred from Superfund account.

<sup>2/</sup> Includes Bureau of Land Management, Office of Surface Mining and Reclamation, and Minerals Management Service.

<sup>3/</sup> Natural resources research formerly funded by the National Biological Service.

<sup>4/</sup> National mapping, water resources, and geological research.

<sup>5/</sup> Eliminated in FY 1996.

<sup>6/</sup> Less than \$500,000

Table 15. R&D budget authority for other natural resources (306), Fiscal years 1996-98

Page 1 of 1

Page 1 of 1					
Funding category	1996 actual	1997 preliminary	1998 proposed	Percentage change 1997-98	
		[In millions of dollars		•	
Total	911	919	919	-0.1	
U.S. Geological Survey (Interior)	382	386	394	1.9	
Geologic and mineral resource surveys and mapping Water resources investigations National mapping, geography, and survey		229 134 24	228 139 27	-0.7 4.0 16.1	
National Oceanic and Atmospheric Administration (Commerce)	529	533	525	-1.5	
Oceanic and atmospheric research	199	205	205	0.0	
Climate and air quality	101 98	104 102	112 94	7.6 -7.9	
National Marine Fisheries Services	199	200	203	1.2	
Fishery products promotion and development 1/	9 190	0 200	4 199	918.6 -0.5	
National Ocean Service	20 36	24 34	24 23	0.0 -31.1	
Data, and Information Service	8 58	8 56	8 54	0.0 -4.3	
and conversion  Bureau of Mines (Interior) 2/	8	5	8	47.8 NA	
Dureau or willes (Iliterior) 2/	U			INA	

<sup>1/</sup> Actual functional code is 376, other advancement of commerce.

NOTES: Because of rounding, components may not add to totals. Percentage change derived from data.

NA = Not applicable KEY:

<sup>2/</sup> Eliminated in FY 1996.

Table 16. R&D budget au	thority for agric	ulture (350), Fisc	al years 1996-98	}
				Page 1 of 1
Funding category	1996 actual	1997 preliminary	1998 proposed	Percentage change 1997-98
		[In millions of dollars]		
Total	1,176	1,185	1,196	0.9
Agricultural research and services (352): Department of Agriculture				
Agricultural Research Service	678	687	697	1.5
Research on plant sciences	230	239	242	1.2
delivery	138	140	139	-1.3
Research on animal sciences.	112	113	114	1.1
Research on soil, water, and air sciences	85	83	81	-3.2
Research on human nutrition.	59	62	74	19.0
Integration of agricultural systems.	33	30	28	-4.4
Agricultural information and library services	20	18	18	0.4
Cooperative State Research, Education, and Extension Service	406	405	406	0.3
National Research Initiative	94	94	130	38.0
Plant systems	36	36	47	30.4
Animal systems	23	23	30	27.7
Natural resources and environment	17	17	27	57.0
Nutrition, food safety, and health	7	7	11	52.6
Processes and new products	7	7	9	33.2
Rural development, markets, and trade	4	4	7	66.8
Payments under the Hatch Act	169	169	169	0.0
Special research grants	50	50	10	-79.8
Improved pest control	12	12	25	110.2
Tuskegee Institute (Evans-Allen)	28	28	28	0.0
McIntire-Stennis cooperative forestry	20	20	20	0.0
Other research programs	19	18	17	-5.3
Administration	14	14	7	-49.1
Economic Research Service	53	53	54	1.9
Animal & Plant Health Inspection Service	17	17	17	0.0
National Agricultural Statistics Service	4	4	4	0.0
Agricultural Marketing Service	8	8	8	0.0
Federal Grain Inspection Service 1/	3	3	-1	-133.3
Foreign Agricultural Service	1	1	1	0.0
Alternative Agricultural Research and Commercialization	6	7	10	42.9
		, ,	10	12.0

<sup>1/</sup> FY 1998 figure reflects proposed rescission.

NOTES: Because of rounding, components may not add to totals. Percentage change derived from unrounded data.

**KEY:** NA = Not applicable

**SOURCE:** USDA's submission to Office of Management and Budget MAX Schedule C; budget justification documents; and supplemental data obtained from the USDA budget office.

Table 17. R&D budget authority for commerce and housing credit (370), Fiscal years 1996-98

Page 1 of 1

				Page 1 of 1
Funding category	1996 actual	1997 preliminary 1/	1998 proposed	Percentage change 1997-98
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-		[In millions of dollars]		
Total	432	435	498	14.4
Other advancement of commerce (376): Department of Commerce				
National Institute of Standards and Technology (NIST)	422	427	487	13.9
Electronics & electrical engineering	34	35	37	5.5
Manufacturing engineering	19	20	20	0.1
Chemical science and technology	31	32	32	0.1
Physics	24	25	25	0.1
Materials science	38	39	40	0.1
Building and fire research	12	13	13	0.1
Computer systems and applied math	42	42	42	0.1
Technology assistance	0	2	2	0.5
Research support activities	16	16	16	0.2
Industrial technology services				
Advanced Technology Program	206	203	260	28.3
Technology Administration	0	0	2	NA NA
Bureau of the Census	5	4	4	0.0
National Telecommunications and				
Information Administration	5	4	5	25.0

 $<sup>1/\ \</sup>mbox{Adjusted}$  to reflect rescissions enacted in Public Law 105-18.

NOTES: Because of rounding, components may not add to totals. Percentage change derived from unrounded data.

**KEY:** NA = Not applicable

# Table 18. R&D budget authority for education, training, employment, and social services (500), Fiscal years 1996-98

Page 1 of 1

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Budget function	1996 actual	1997 preliminary	1998 proposed	Percentage change 1997-98		
	[In millions of dollars]					
Total	331	370	411	11.1		
Research and general education aids (501, 502, 503)	229	249	278	11.6		
Department of Education programs Smithsonian Institution programs		115 134	139 139	20.9 3.7		
Social services (506)	73	92	106	15.2		
Administration for Children and Families (DHHS)Administration on Aging (DHHS)Rehabilitation services (Education)	0	14 8 70	29 6 71	107.1 -25.0 1.4		
Training and employment (504) (Labor's Employment and Training Admin.)	29	29	27	-6.9		
Other labor services (505) (Labor)	0	0	0	NA		

NOTES: Because of rounding, components may not add to totals. Percentage change derived from unrounded data.

**KEY:** NA = Not applicable

Table 19. R&D budget authority for the Agency for International Development (AID) and other international programs (150), Fiscal years 1996-98

Page 1 of 1 1996 1997 1998 Percentage change 1997-98 Funding category actual preliminary proposed [In millions of dollars] 252 190 246 Total (150)..... 29.5 Agency for International Development (AID) (151):.... 223 169 225 33.1 International Security Assistance (152)..... 29 21 21 0.0

NOTES: Because of rounding, components may not add to totals. Percentage change derived from unrounded data.

SOURCE: AID submission to Office of Management and Budget MAX Schedule C; and supplemental data obtained from the AID budget office.

#### Table 20. R&D budget authority for veterans benefits and services (700), Fiscal years 1996-98

Page 1 of

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Funding category	1996 actual	1997 preliminary	1998 proposed	Percent change 1997-98	
	[In millions of dollars]				
Total	259	267	239	-10.5	
Department of Veterans Affairs					
Medical and prosthetic research (703)	259	267	239	-10.5	

**NOTE:** Includes administration and operating expenses related to the VA's research.

SOURCE: Departmental submission to Office of Management and Budget MAX Schedule C.

### Table 21. R&D budget authority for administration of justice (750), Fiscal years 1996-98

Page 1 of 1

Funding category	1996 actual	1997 preliminary	1998 proposed	Percentage change 1997-98
		[In millions of dolla	ırs]	
Total	56	67	70	4.5
Department of Justice	45	56	59	5.4
Office of Justice Programs (754)	37	48	51	6.3
Federal Bureau of Investigation (751)	2	2	2	0.0
Federal Prison System (753)	5	5	5	0.0
Drug Enforcement Administration (751)	0	0	0	NA
Immigration and Naturalization Service (751)	1	1	1	0.0
Department of the Treasury	11	11	11	0.0
U.S. Customs Service (751)	11	11	11	0.0

NOTES: Because of rounding, components may not add to the totals shown. Percentage change is derived from unrounded data.

**KEY:** NA = Not applicable

SOURCE: Agencies' submissions to Office of Management and Budget MAX Schedule C;

and supplemental data obtained from the agencies' budget offices.

## Table 22. R&D budget authority for community and regional development (450), Fiscal years 1996-98

Page 1 of

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Funding category	1996 actual	1997 preliminary	1998 proposed	Percentage change 1997-98
[In millions of dollars]				
Total	50	54	46	-14.8
Tennessee Valley Authority (452)  Department of Housing and Urban	. 15	19	6	-68.4
Development (451)	34	34	39	14.7
Department of Commerce  Economic Development Admin. (452)	. 1	1	1	0.0

NOTES: Because of rounding, components may not add to the totals shown. Percentage change is derived from unrounded data.

### Table 23. R&D budget authority for income security (600), Fiscal years 1996-98

				Page 1 of 1
Funding category	1996 actual	1997 preliminary	1998 proposed	Percentage change 1997-98
[In millions of dollars]				
Total	16	10	10	0.0
Social Security Administration 1/	15	9	9	0.0
Department of Labor	1	1	1	0.0
Pension Benefit Guarantee Corporation (601)	1	1	1	0.0

<sup>1/</sup> Actual functional code is 650, Social Security.

NOTES: Because of rounding, components may not add to the totals shown. Percentage change is derived from unrounded data.

**KEY:** NA = Not applicable

SOURCE: Agencies' submissions to Office of Management and Budget MAX Schedule C;

and supplemental data obtained from the agencies' budget offices.

### Table 24. R&D budget authority for general government (800), Fiscal years 1996-98

				Page 1 of 1
Funding category	1996 actual	1997 preliminary	1998 proposed	Percentage change 1997-98
[In millions of dollars]				
Total	2	2	2	0.0
Department of Treasury Engraving and Printing (803)	2	2	2	0.0

NOTE: Percentage change is derived from unrounded data.